

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	19	("6558517" "6511896" "6492241" "6482736" "6337237" "6335049" "6534357" "6476432" "6302244" "6255187" "6150226" "0025142" "0003621" "0045006" "0017265" "0115252" "0168750" "0168689" "0129799").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/04 19:07
S2	2242	((438/240) or (438/3)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/02/04 18:42
S3	196	S2 and ((aluminum adj oxide) "al.sub.2 o.sub.3" "al.sub.x o.sub.y") and ((tantalum adj (oxide pentoxide)) "ta.sub.2 o.sub.5" "ta.sub.x o.sub.y" )	US-PGPUB; USPAT	OR	OFF	2005/02/04 18:59
S4	20	S3 and (HSG or (hemispherical adj grain))	US-PGPUB; USPAT	OR	OFF	2005/02/04 18:45
S5	23	S3 and (HSG or (hemispherical adj grain))	US-PGPUB; USPAT	OR	ON	2005/02/04 18:46
S6	18	S5 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/12/16 13:27
S7	7	((("6320244") or ("6387751") or ("5418180") or ("6150226") or ("6255187") or ("6222722") or ("6314028")).PN.	US-PGPUB; USPAT	OR	OFF	2005/02/04 18:52
S8	206297	S1 and ((aluminum adj oxide) "al.sub.2 o.sub.3" "al.sub.x o.sub.y") or ((tantalum adj (oxide pentoxide)) "ta.sub.2 o.sub.5" "ta.sub.x o.sub.y" ) or hsg or (tin (titanium adj nitride))	US-PGPUB; USPAT	OR	ON	2005/12/16 13:29
S9	9	S1 and (((aluminum adj oxide) "al.sub.2 o.sub.3" "al.sub.x o.sub.y") or ((tantalum adj (oxide pentoxide)) "ta.sub.2 o.sub.5" "ta.sub.x o.sub.y" ) or hsg or (tin (titanium adj nitride)))	US-PGPUB; USPAT	OR	ON	2005/12/15 18:09
S10	12	((("6558517") or ("6511896") or ("6492241") or ("6482736") or ("6337237") or ("6335049") or ("6534357") or ("6476432") or ("6320244") or ("6255187") or ("6150226") or ("6387751")).PN.	US-PGPUB; USPAT	OR	OFF	2005/02/04 19:11
S11	9	((("20030025142") or ("20030003621") or ("20030017266") or ("20030045006") or ("20030017265") or ("20020115252") or ("20030168750") or ("20030168689") or ("20030129799")).PN.	US-PGPUB; USPAT	OR	OFF	2005/02/04 19:12
S12	21	S10 or S11	US-PGPUB; USPAT	OR	OFF	2005/02/04 19:12

S13	17	S12 and (((aluminum adj oxide) "al.sub.2 o.sub.3" "al.sub.x o.sub.y") or ((tantalum adj (oxide pentoxide)) "ta.sub.2 o.sub.5" "ta.sub.x o.sub.y" ) or hsg or (tin (titanium adj nitride)))	US-PGPUB; USPAT	OR	ON	2005/02/04 19:49
S14	1	("6255187").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/04 19:50
S15	0	S14 and (titanium adj nitride)	US-PGPUB; USPAT	OR	OFF	2005/07/01 18:35
S16	1	S14 and (tin)	US-PGPUB; USPAT	OR	OFF	2005/02/04 19:51
S17	48	tin with tibn	US-PGPUB; USPAT	OR	OFF	2005/02/04 19:51
S18	8	tin with tibn with barrier	US-PGPUB; USPAT	OR	OFF	2005/02/04 19:51
S19	2	((("6314023") or ("6222722")).PN.	US-PGPUB; USPAT	OR	OFF	2005/07/01 18:22
S20	1	("6314028").PN.	US-PGPUB; USPAT	OR	OFF	2005/07/01 18:23
S21	52	(titanium adj nitride) with (densif\$3)	US-PGPUB; USPAT	OR	OFF	2005/12/16 13:26
S22	95526	"438"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2005/07/01 19:09
S23	200038	"438"/\$.ccls. or "257"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2005/07/01 19:10
S24	39	S21 and S23	US-PGPUB; USPAT	OR	OFF	2005/07/01 19:39
S25	36	S24 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/01 20:36
S26	10	((("6486022") or ("6660580") or ("6780704") or ("6150226") or ("6207487") or ("6222722") or ("20030052358") or ("6320244") or ("20020115252") or ("5418180")).PN.	US-PGPUB; USPAT	OR	OFF	2005/07/01 21:22
S27	8	S26 and ((titanium adj nitride) tin)	US-PGPUB; USPAT	OR	OFF	2005/07/01 19:39
S28	99	((titanium adj nitride) tin) with (densif\$3)	US-PGPUB; USPAT	OR	OFF	2005/12/16 13:26
S29	61	S28 and S23	US-PGPUB; USPAT	OR	OFF	2005/07/01 19:39
S30	56	S29 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/01 20:38
S31	20	S30 not S25	US-PGPUB; USPAT	OR	ON	2005/07/01 19:40
S32	1	S26 and (((titanium adj nitride) tin) with (anneal\$3 heat heated heating thermal\$3 oxidiz\$ oxidat\$ nitridiz\$ nitrida\$))	US-PGPUB; USPAT	OR	OFF	2005/12/16 13:26

S33	1	("6222722").PN.	US-PGPUB; USPAT	OR	OFF	2005/07/01 20:36
S34	0	S33 and (((titanium adj nitride) tin) with (anneal\$3 heat heated heating thermal\$3 oxidiz\$ oxidat\$ nitridiz\$ nitrida\$))	US-PGPUB; USPAT	OR	OFF	2005/07/01 21:13
S35	1	S33 and ((titanium adj nitride) tin)	US-PGPUB; USPAT	OR	OFF	2005/07/01 20:37
S36	3135	capacitor and (((titanium adj nitride) tin) with (anneal\$3 heat heated heating thermal\$3 oxidiz\$ oxidat\$ nitridiz\$ nitrida\$))	US-PGPUB; USPAT	OR	ON	2005/07/01 20:39
S37	2611	S36 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/01 21:14
S38	256	capacitor and (((titanium adj nitride) tin) with (anneal\$3 heat heated heating thermal\$3 oxidiz\$ oxidat\$ nitridiz\$ nitrida\$) with ((bottom lower) adj (plate electrode)))	US-PGPUB; USPAT	OR	ON	2005/07/01 21:14
S39	19	capacitor and (((titanium adj nitride) tin) with (anneal\$3 heat heated heating thermal\$3 oxidiz\$ oxidat\$ nitridiz\$ nitrida\$) with ((bottom lower) adj (plate electrode))) and densif\$)	US-PGPUB; USPAT	OR	ON	2005/12/16 13:27
S40	10	capacitor and (((titanium adj nitride) tin) with (anneal\$3 heat heated heating thermal\$3 oxidiz\$ oxidat\$ nitridiz\$ nitrida\$) with ((bottom lower) adj (plate electrode))) with (resistivity leakage))	US-PGPUB; USPAT	OR	ON	2005/07/01 20:51
S41	216	S38 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/01 21:14
S42	195	S41 not (S39 S40)	US-PGPUB; USPAT	OR	ON	2005/07/01 20:55
S43	787	capacitor and (((titanium adj nitride) tin) near2 (anneal\$3 heat heated heating thermal\$3 oxidiz\$ oxidat\$ nitridiz\$ nitrida\$))	US-PGPUB; USPAT	OR	ON	2005/07/01 21:14
S44	681	S43 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/01 21:14
S45	47	capacitor and (((titanium adj nitride) tin) near2 (anneal\$3 heat heated heating thermal\$3 oxidiz\$ oxidat\$ nitridiz\$ nitrida\$) with ((bottom lower) adj (plate electrode)))	US-PGPUB; USPAT	OR	ON	2005/07/01 21:15
S46	36	S45 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/01 21:15
S47	33	S46 not (S39 S40)	US-PGPUB; USPAT	OR	ON	2005/07/01 21:15

S48	8	capacitor and (((titanium adj nitride) tin) near2 (anneal\$3 heat heated heating thermal\$3 nitridiz\$ nitrida\$) with ((bottom lower) adj (plate electrode)))	US-PGPUB; USPAT	OR	ON	2005/07/01 21:15
S49	8	S48 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/01 21:20
S50	8	S48 not (S39 S40)	US-PGPUB; USPAT	OR	ON	2005/07/01 21:20
S51	22301	capacitor and (densif\$ near2 (titanium adj nitride) tin)	US-PGPUB; USPAT	OR	ON	2005/07/01 21:22
S52	8	S49 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/01 21:22
S53	18299	S51 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/01 21:21
S54	23	capacitor and (densif\$ near2 ((titanium adj nitride) tin))	US-PGPUB; USPAT	OR	ON	2005/12/15 18:09
S55	18	S54 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/01 21:22
S56	1	S55 not (S25 S31)	US-PGPUB; USPAT	OR	OFF	2005/07/01 21:22
S57	11	((("20030096473") or ("20040113235") or ("5874770") or ("5323096") or ("6446317") or ("6452776") or ("6492241") or ("6111319") or ("6346454") or ("6838122") or ("6900106")).PN.	US-PGPUB; USPAT	OR	OFF	2005/12/15 18:11
S58	0	S57 and (densif\$ near2 ((titanium adj nitride) tin))	US-PGPUB; USPAT	OR	ON	2005/12/15 18:09
S59	6	S57 and (((titanium adj nitride) tin))	US-PGPUB; USPAT	OR	ON	2005/12/15 18:09
S60	7	S57 and ((aluminum adj oxide) "al.sub.2 o.sub.3" "al.sub.x o.sub.y")	US-PGPUB; USPAT	OR	ON	2005/12/15 18:09
S61	5	S59 and S60	US-PGPUB; USPAT	OR	ON	2005/12/15 18:09
S62	1	("6446317").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/16 13:25
S63	0	("1and(titaniumadjnitride)").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/16 13:25
S64	1	S62 and (tin or (titanium adj nitride))	US-PGPUB; USPAT	OR	OFF	2005/12/16 13:25
S65	53	(titanium adj nitride) with (densif\$3)	US-PGPUB; USPAT	OR	OFF	2005/12/16 13:26
S66	102	((titanium adj nitride) tin) with (densif\$3)	US-PGPUB; USPAT	OR	OFF	2005/12/16 13:26
S67	24565	((((titanium adj nitride) tin) with (anneal\$3 heat heated heating thermal\$3 oxidiz\$ oxidat\$ nitridiz\$ nitrida\$))	US-PGPUB; USPAT	OR	OFF	2005/12/16 13:26

S68	21	capacitor and (((titanium adj nitride) tin) with (anneal\$3 heat heated heating thermal\$3 oxidiz\$ oxidat\$ nitridiz\$ nitrida\$) with ((bottom lower) adj (plate electrode)) and densif\$)	US-PGPUB; USPAT	OR	ON	2005/12/16 13:27
S69	49	S65 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/12/16 13:27
S70	92	S66 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/12/16 13:28
S71	21080	S67 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/12/16 13:28
S72	16	S68 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/12/16 13:28
S73	14	S69 and ((aluminum adj oxide) "al. sub.2 o.sub.3" "al.sub.x o.sub.y")	US-PGPUB; USPAT	OR	ON	2005/12/19 16:34
S75	3583	S71 and ((aluminum adj oxide) "al. sub.2 o.sub.3" "al.sub.x o.sub.y")	US-PGPUB; USPAT	OR	ON	2005/12/16 13:29
S78	102	((titanium adj nitride) tin) with (densif\$3)	US-PGPUB; USPAT	OR	OFF	2005/12/19 18:28
S79	92	S78 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/12/19 18:28
S80	25	S79 and ((aluminum adj oxide) "al. sub.2 o.sub.3" "al.sub.x o.sub.y")	US-PGPUB; USPAT	OR	ON	2005/12/19 18:36
S81	4	(oxidizing or nitridizing) with densify with (titanium adj nitride) with (leakage capacitance)	US-PGPUB; USPAT	OR	ON	2005/12/19 18:38
S82	6	(oxidizing or nitridizing) with densif\$ with (titanium adj nitride)	US-PGPUB; USPAT	OR	ON	2005/12/19 18:38